*Hearing Research*, 46 (1990) 303–304
Elsevier



# Author Index

Arima, T., Lim, D.J., Kawaguchi, H., Shibata, Y. and Uemura, T.
An ultrastructural study of the guinea pig tectorial membrane 'type A' protofibril (46) 289

Bobbin, R.P., Ceasar, G. and Fallon, M.
Potassium induced release of GABA and other substances from the guinea pig cochlea (46) 83
Bobbin, R.P., Jastreboff, P.J., Fallon, M. and Littman, T.
Nimodipine, an L-channel $Ca^{2+}$ antagonist, reverses the negative summating potential recorded from the guinea pig cochlea (46) 277
Brownell, W.E., see Salzer, S.J. (46) 101

Cazals, Y., see Didier, A. (46) 171
Ceasar, G., see Bobbin, R.P. (46) 83
Cotanche, D.A. and Dopyera, C.E.J.
Hair cell and supporting cell response to acoustic trauma in the chick cochlea (46) 29

Decory, L., see Didier, A. (46) 171
Demêmes, D., Wenthold, R.J., Moniot, B. and Sans, A.
Glutamate-like immunoreactivity in the peripheral vestibular system of mammals (46) 261
Didier, A., Decory, L. and Cazals, Y.
Evidence for potassium-induced motility in type I vestibular hair cells in the guinea pig (46) 171
Dooling, R.J., see Okanoya, K. (46) 271
Dopyera, C.E.J., see Cotanche, D.A. (46) 29
Downing, J.D., see Okanoya, K. (46) 271
Durham, D., see Richardson, B.E. (46) 53

Fallon, M., see Bobbin, R.P. (46) 277
Fallon, M., see Bobbin, R.P. (46) 83
Fastl, H.
The hearing sensation roughness and neuronal responses to AM-tones (46) 293

Grenner, J., Nilsson, P.O.L., Sheppard, H. and Katbamna, B.
Noise-induced threshold elevation as a function of peak sound pressure level (46) 161

Heffner, H.E., see Heffner, R.S. (46) 239
Heffner, R.S. and Heffner, H.E.
Vestigial hearing in a fossorial mammal, the pocket gopher, (*Geomys bursarius*) (46) 239

Jastreboff, P.J., see Bobbin, R.P. (46) 277
Johnson, D.H., see Teich, M.C. (46) 41

Katbamna, B., see Grenner, J. (46) 161
Kawaguchi, H., see Arima, T. (46) 289
Kulish, L.F., see Mills, J.H. (46) 201
Kumar, A.R., see Teich, M.C. (46) 41

Lim, D.J., see Arima, T. (46) 289
Littman, T., see Bobbin, R.P. (46) 277

Marsh, R.R., Xu, L., Moy, J.P. and Saunders, J.C.
Recovery of the basilar papilla following intense sound exposure in the chick (46) 229
Masetto, S., see Prigioni, I. (46) 253
Mattox, D.E., see Salzer, S.J. (46) 101
Melichar, I., see Schrott, A. (46) 1
Mills, J.H., Schmiedt, R.A. and Kulish, L.F.
Age-related changes in auditory potentials of Mongolian gerbil (46) 201
Moniot, B., see Demêmes, D. (46) 261
Moy, J.P., see Marsh, R.R. (46) 229

Narins, P.M., see Stiebler, I.B. (46) 63
Nilsson, P.O.L., see Grenner, J. (46) 161

Okanoya, K., Dooling, R.J. and Downing, J.D.
Hearing and vocalizations in hybrid Waterslager-Roller canaries (*Serinus canarius*) (46) 271

Popelár, J., see Schrott, A. (46) 1
Popper, A.N. and Saidel, W.M.
Variations in receptor cell innervation in the saccule of a teleost fish ear (46) 211
Popper, A.N., see Presson, J.C. (46) 23
Popper, A.N., see Presson, J.C. (46) 9
Presson, J.C. and Popper, A.N.
A ganglionic source of new eighth nerve neurons in a post-embryonic fish (46) 23
Presson, J.C. and Popper, A.N.
Possible precursors to new hair cells, support cells, and Schwann cells in the ear of a post-embryonic fish (46) 9
Prigioni, I., Russo, G., Valli, P. and Masetto, S.
Pre- and postsynaptic excitatory action of glutamate agonists on frog vestibular receptors (46) 253
Prijs, V.F., see Versnel, H. (46) 147

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Richardson, B.E. and Durham, D.
Blood flow changes in chicken brain stem auditory nuclei following cochlea removal (46) 53
Russo, G., see Prigioni, I. (46) 253
Rybak, L.P., Whitworth, C. and Scott, V.
Organic acids do not alter the cochlear effects of ethacrynic acid (46) 95

Saidel, W.M., see Popper, A.N. (46) 211
Salvi, R.J., see Zhang, W. (46) 181
Salzer, S.J., Mattox, D.E. and Brownell, W.E.
Cochlear damage and increased threshold in alpha-difluoromethylornithine (DFMO) treated guinea pigs (46) 101
Sans, A., see Demêmes, D. (46) 261
Saunders, J.C., see Marsh, R.R. (46) 229
Saunders, S.S., see Zhang, W. (46) 181
Schmiedt, R.A., see Mills, J.H. (46) 201
Schoonhoven, R., see Versnel, H. (46) 147
Schrott, A., Melichar, I., Popelár, J. and Syka, J.
Deterioration of hearing function in mice with neural crest defect (46) 1
Scott, V., see Rybak, L.P. (46) 95
Sheppard, H., see Grenner, J. (46) 161
Shibata, Y., see Arima, T. (46) 289
Stiebler, I.B. and Narins, P.M.
Temperature-dependence of auditory nerve response properties in the frog (46) 63
Stypulkowski, P.H.
Mechanisms of salicylate ototoxicity (46) 113
Syka, J., see Schrott, A. (46) 1

Teich, M.C., Johnson, D.H., Kumar, A.R. and Turcott, R.G.
Rate fluctuations and fractional power-law noise recorded from cells in the lower auditory pathway of the cat (46) 41
Turcott, R.G., see Teich, M.C. (46) 41

Uemura, T., see Arima, T. (46) 289

Valli, P., see Prigioni, I. (46) 253
Versnel, H., Prijs, V.F. and Schoonhoven, R.
Single-fibre responses to clicks in relationship to the compound action potential in the guinea pig (46) 147

Wenthold, R.J., see Demêmes, D. (46) 261
Whitworth, C., see Rybak, L.P. (46) 95

Xu, L., see Marsh, R.R. (46) 229

Zhang, W., Salvi, R.J. and Saunders, S.S.
Neural correlates of gap detection in auditory nerve fibers of the chinchilla (46) 181

*Hearing Research*, 46 (1990) 305–308
Elsevier



# Subject Index

**Absolute auditory sensitivity**
Bird hearing; Vocalizations; Genetics of hearing; Canary (Okanoya, K. (46) 271)

**Acoustic trauma**
Hair cell; Supporting cell; Noise damage; Cochlea; Chick (Cotanche, D.A. (46) 29)

Equal energy hypothesis; $N_1$ threshold; Guinea pig (Grenner, J. (46) 161)

Hair cell; Cochlea; Basilar papilla; Hair cell regeneration (Marsh, R.R. (46) 229)

**Afferent**
Fish; Efferent; Synaptic ratio; Innervation; Saccule; Hair cell (Popper, A.N. (46) 211)

**Aging**
Presbyacusis; Hearing loss; Evoked potential (Mills, J.H. (46) 201)

**Alpha-difluoromethylornithine**
DFMO; Polyamine; Cochlea; Hearing loss (Salzer, S.J. (46) 101)

**Amino acids**
Gamma aminobutyric acid; Cochlea; Neurotransmitter (Bobbin, R.P. (46) 83)

**AM-tones**
Roughness; MTF; Hearing sensation (Fastl, H. (46) 293)

**Anura**
Auditory system; Temperature effects; Tuning curves; Phase locking (Stiebler, I.B. (46) 63)

**Audiogram**
Sound localization; Evolution; Comparative (Heffner, R.S. (46) 239)

**Auditory nerve**
Rate function; Pulse-number distribution; Fractal neural events; Lateral superior olive (Teich, M.C. (46) 41)

Gap detection; Temporal resolution; Chinchilla; Tuning curve; Cochlea (Zhang, W. (46) 181)

**Auditory system**
Anura; Temperature effects; Tuning curves; Phase locking (Stiebler, I.B. (46) 63)

**Basilar papilla**
Hair cell; Cochlea; Hair cell regeneration; Acoustic trauma (Marsh, R.R. (46) 229)

**Bird hearing**
Absolute auditory sensitivity; Vocalizations; Genetics of hearing; Canary (Okanoya, K. (46) 271)

**L-type $Ca^{2+}$ channel**
Cochlear potentials; Cochlear partition; Slow motion; Hair cells, outer; Rectification (Bobbin, R.P. (46) 277)

**Canary**
Bird hearing; Absolute auditory sensitivity; Vocalizations; Genetics of hearing (Okanoya, K. (46) 271)

**Cat**
Glutamate; Immunocytochemistry; Mouse; Rat; Vestibule (Demêmes, D. (46) 261)

**Characteristic frequency**
Poststimulus time histogram; Click; Spontaneous rate; Compound action potential; Guinea pig (Versnel, H. (46) 147)

**Chick**
Hair cell; Supporting cell; Acoustic trauma; Noise damage; Cochlea (Cotanche, D.A. (46) 29)

**Chinchilla**
Auditory nerve; Gap detection; Temporal resolution; Tuning curve; Cochlea (Zhang, W. (46) 181)

**Click**
Poststimulus time histogram; Characteristic frequency; Spontaneous rate; Compound action potential; Guinea pig (Versnel, H. (46) 147)

**Cluster cells**
Precursor cells; Statoacoustic system; Development; Neuroepithelial cells; Eighth nerve ganglion (Presson, J.C. (46) 23)

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**Cochlea**
Hair cell; Supporting cell; Acoustic trauma; Noise damage; Chick (Cotanche, D.A. (46) 29)

Gamma aminobutyric acid; Amino acids; Neurotransmitter (Bobbin, R.P. (46) 83)

Alpha-difluoromethylornithine; DFMO; Polyamine; Hearing loss (Salzer, S.J. (46) 101)

Auditory nerve; Gap detection; Temporal resolution; Chinchilla; Tuning curve (Zhang, W. (46) 181)

Hair cell; Basilar papilla; Hair cell regeneration; Acoustic trauma (Marsh, R.R. (46) 229)

**Cochlear partition**
Cochlear potentials; L-type $Ca^{2+}$ channel; Slow motion; Hair cells, outer; Rectification (Bobbin, R.P. (46) 277)

**Cochlear potentials**
L-type $Ca^{2+}$ channel; Cochlear partition; Slow motion; Hair cells, outer; Rectification (Bobbin, R.P. (46) 277)

**Collagen, type II**
Tectorial membrane; Ear, inner (Arima, T. (46) 289)

**Comparative**
Audiogram: Sound localization; Evolution (Heffner, R.S. (46) 239)

**Compound action potential**
Ototoxicity; Loop diuretics; Endocochlear potential (Rybak, L.P. (46) 95)

Poststimulus time histogram; Click; Characteristic frequency; Spontaneous rate; Guinea pig (Versnel, H. (46) 147)

**Deafferentation**
Nucleus laminaris; Nucleus magnocellularis; Iodoantipyrine (Richardson, B.E. (46) 53)

**Development**
Precursor cells; Statoacoustic system; Cluster cells; Neuroepithelial cells; Eighth nerve ganglion (Presson, J.C. (46) 23)

**DFMO**
Alpha-difluoromethylornithine; Polyamine; Cochlea; Hearing loss (Salzer, S.J. (46) 101)

**Ear, inner**
Tectorial membrane; Collagen, type II (Arima, T. (46) 289)

**Efferent**
Fish; Afferent; Synaptic ratio; Innervation; Saccule; Hair cell (Popper, A.N. (46) 211)

**Eighth nerve ganglion**
Precursor cells; Statoacoustic system; Development; Cluster cells; Neuroepithelial cells (Presson, J.C. (46) 23)

**Electrical stimulation**
Isolated hair cells; Vestibular cells, type I; Potassium; Guinea pig (Didier, A. (46) 171)

**Endocochlear potential**
Ototoxicity; Loop diuretics; Compound action potential (Rybak, L.P. (46) 95)

**Equal energy hypothesis**
Acoustic trauma; $N_1$ threshold; Guinea pig (Grenner, J. (46) 161)

**Evoked potential**
Presbyacusis; Aging; Hearing loss (Mills, J.H. (46) 201)

**Evolution**
Audiogram: Sound localization; Comparative (Heffner, R.S. (46) 239)

**Excitatory amino acids**
Isolated frog labyrinth; Semicircular canal; Pre- and postsynaptic receptors (Prigioni, I. (46) 253)

**Fish**
Afferent; Efferent; Synaptic ratio; Innervation; Saccule; Hair cell (Popper, A.N. (46) 211)

**Fractal neural events**
Rate function; Pulse-number distribution; Auditory nerve; Lateral superior olive (Teich, M.C. (46) 41)

**Gamma aminobutyric acid**
Amino acids; Cochlea; Neurotransmitter (Bobbin, R.P. (46) 83)

**Gap detection**
Auditory nerve; Temporal resolution; Chinchilla; Tuning curve; Cochlea (Zhang, W. (46) 181)

**Genetics of hearing**
Bird hearing; Absolute auditory sensitivity; Vocalizations; Canary (Okanoya, K. (46) 271)

**Glutamate**
Immunocytochemistry; Mouse; Rat; Cat; Vestibule (Demêmes, D. (46) 261)

**Guinea pig**
Poststimulus time histogram; Click; Characteristic frequency; Spontaneous rate; Compound action potential (Versnel, H. (46) 147)

Acoustic trauma; Equal energy hypothesis; $N_1$ threshold (Grenner, J. (46) 161)

Isolated hair cells; Vestibular cells, type I; Potassium; Electrical stimulation (Didier, A. (46) 171)

**Hair cell**
Supporting cell; Acoustic trauma; Noise damage; Cochlea; Chick (Cotanche, D.A. (46) 29)

Fish; Afferent; Efferent; Synaptic ratio; Innervation; Saccule (Popper, A.N. (46) 211)

Cochlea; Basilar papilla; Hair cell regeneration; Acoustic trauma (Marsh, R.R. (46) 229)

**Hair cell regeneration**
Hair cell; Cochlea; Basilar papilla; Acoustic trauma (Marsh, R.R. (46) 229)

**Hair cells, outer**
Cochlear potentials; L-type $Ca^{2+}$ channel; Cochlear partition; Slow motion; Rectification (Bobbin, R.P. (46) 277)

**Hearing function**
Mutant mice; Stria vascularis (Schrott, A. (46) 1)

**Hearing loss**
Alpha-difluoromethylornithine; DFMO; Polyamine; Cochlea (Salzer, S.J. (46) 101)

Salicylate; Ototoxicity; Tinnitus (Stypulkowski, P.H. (46) 113)

Presbyacusis; Aging; Evoked potential (Mills, J.H. (46) 201)

**Hearing sensation**
Roughness; MTF; AM-tones (Fastl, H. (46) 293)

**Immunocytochemistry**
Glutamate; Mouse; Rat; Cat; Vestibule (Demêmes, D. (46) 261)

**Innervation**
Fish; Afferent; Efferent; Synaptic ratio; Saccule; Hair cell (Popper, A.N. (46) 211)

**Iodoantipyrine**
Deafferentation; Nucleus laminaris; Nucleus magnocellularis (Richardson, B.E. (46) 53)

**Isolated frog labyrinth**
Semicircular canal; Excitatory amino acids; Pre- and postsynaptic receptors (Prigioni, I. (46) 253)

**Isolated hair cells**
Vestibular cells, type I; Potassium; Electrical stimulation; Guinea pig (Didier, A. (46) 171)

**Lateral superior olive**
Rate function; Pulse-number distribution; Fractal neural events; Auditory nerve (Teich, M.C. (46) 41)

**Loop diuretics**
Ototoxicity; Endocochlear potential; Compound action potential (Rybak, L.P. (46) 95)

**Mouse**
Glutamate; Immunocytochemistry; Rat; Cat; Vestibule (Demêmes, D. (46) 261)

**MTF**
Roughness; AM-tones; Hearing sensation (Fastl, H. (46) 293)

**Mutant mice**
Hearing function; Stria vascularis (Schrott, A. (46) 1)

**Neural crest**
Neuroepithelial precursor cells; Statoacoustic system; Post-embryonic development; Saccule (Presson, J.C. (46) 9)

**Neuroepithelial cells**
Precursor cells; Statoacoustic system; Development; Cluster cells; Eighth nerve ganglion (Presson, J.C. (46) 23)

**Neuroepithelial precursor cells**
Statoacoustic system; Post-embryonic development; Saccule; Neural crest (Presson, J.C. (46) 9)

**Neurotransmitter**
Gamma aminobutyric acid; Amino acids; Cochlea (Bobbin, R.P. (46) 83)

**Noise damage**
Hair cell; Supporting cell; Acoustic trauma; Cochlea; Chick (Cotanche, D.A. (46) 29)

**$N_1$ threshold**
Acoustic trauma; Equal energy hypothesis; Guinea pig (Grenner, J. (46) 161)

**Nucleus laminaris**
Deafferentation; Nucleus magnocellularis; Iodoantipyrine (Richardson, B.E. (46) 53)

**Nucleus magnocellularis**
Deafferentation; Nucleus laminaris; Iodoantipyrine (Richardson, B.E. (46) 53)

**Ototoxicity**
Loop diuretics; Endocochlear potential; Compound action potential (Rybak, L.P. (46) 95)

Salicylate; Hearing loss; Tinnitus (Stypulkowski, P.H. (46) 113)

**Phase locking**
Anura; Auditory system; Temperature effects; Tuning curves (Stiebler, I.B. (46) 63)

**Polyamine**
Alpha-difluoromethylornithine; DFMO; Cochlea; Hearing loss (Salzer, S.J. (46) 101)

**Post-embryonic development**
Neuroepithelial precursor cells; Statoacoustic system; Saccule; Neural crest (Presson, J.C. (46) 9)

**Poststimulus time histogram**
Click; Characteristic frequency; Spontaneous rate; Compound action potential; Guinea pig (Versnel, H. (46) 147)

**Potassium**
Isolated hair cells; Vestibular cells, type I; Electrical stimulation; Guinea pig (Didier, A. (46) 171)

**Pre- and postsynaptic receptors**
Isolated frog labyrinth; Semicircular canal; Excitatory amino acids (Prigioni, I. (46) 253)

**Precursor cells**
Statoacoustic system; Development; Cluster cells; Neuroepithelial cells; Eighth nerve ganglion (Presson, J.C. (46) 23)

**Presbyacusis**
Aging; Hearing loss; Evoked potential (Mills, J.H. (46) 201)

**Pulse-number distribution**
Rate function; Fractal neural events; Auditory nerve; Lateral superior olive (Teich, M.C. (46) 41)

**Rat**
Glutamate; Immunocytochemistry; Mouse; Cat; Vestibule (Demêmes, D. (46) 261)

**Rate function**
Pulse-number distribution; Fractal neural events; Auditory nerve; Lateral superior olive (Teich, M.C. (46) 41)

**Rectification**
Cochlear potentials; L-type $Ca^{2+}$ channel; Cochlear partition; Slow motion; Hair cells, outer (Bobbin, R.P. (46) 277)

**Roughness**
MTF; AM-tones; Hearing sensation (Fastl, H. (46) 293)

**Saccule**
Neuroepithelial precursor cells; Statoacoustic system; Post-embryonic development; Neural crest (Presson, J.C. (46) 9)

Fish; Afferent; Efferent; Synaptic ratio; Innervation; Hair cell (Popper, A.N. (46) 211)

**Salicylate**
Ototoxicity; Hearing loss; Tinnitus (Stypulkowski, P.H. (46) 113)

**Semicircular canal**
Isolated frog labyrinth; Excitatory amino acids; Pre- and postsynaptic receptors (Prigioni, I. (46) 253)

**Slow motion**
Cochlear potentials; L-type $Ca^{2+}$ channel; Cochlear partition; Hair cells, outer; Rectification (Bobbin, R.P. (46) 277)

**Sound localization**
Audiogram; Evolution; Comparative (Heffner, R.S. (46) 239)

**Spontaneous rate**
Poststimulus time histogram; Click; Characteristic frequency; Compound action potential; Guinea pig (Versnel, H. (46) 147)

**Statoacoustic system**
Neuroepithelial precursor cells; Post-embryonic development; Saccule; Neural crest (Presson, J.C. (46) 9)

Precursor cells; Development; Cluster cells; Neuroepithelial cells; Eighth nerve ganglion (Presson, J.C. (46) 23)

**Stria vascularis**
Mutant mice; Hearing function (Schrott, A. (46) 1)

**Supporting cell**
Hair cell; Acoustic trauma; Noise damage; Cochlea; Chick (Cotanche, D.A. (46) 29)

**Synaptic ratio**
Fish; Afferent; Efferent; Innervation; Saccule; Hair cell (Popper, A.N. (46) 211)

**Tectorial membrane**
Collagen, type II; Ear, inner (Arima, T. (46) 289)

**Temperature effects**
Anura; Auditory system; Tuning curves; Phase locking (Stiebler, I.B. (46) 63)

**Temporal resolution**
Auditory nerve; Gap detection; Chinchilla; Tuning curve; Cochlea (Zhang, W. (46) 181)

**Tinnitus**
Salicylate; Ototoxicity; Hearing loss (Stypulkowski, P.H. (46) 113)

**Tuning curve**
Anura; Auditory system; Temperature effects; Phase locking (Stiebler, I.B. (46) 63)

Auditory nerve; Gap detection; Temporal resolution; Chinchilla; Cochlea (Zhang, W. (46) 181)

**Vestibular cells, type I**
Isolated hair cells; Potassium; Electrical stimulation; Guinea pig (Didier, A. (46) 171)

**Vestibule**
Glutamate; Immunocytochemistry; Mouse; Rat; Cat (Demêmes, D. (46) 261)

**Vocalizations**
Bird hearing; Absolute auditory sensitivity; Genetics of hearing; Canary (Okanoya, K. (46) 271)